

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/000159**A. CLASSIFICATION OF SUBJECT MATTER**

IPC7 B01D 35/00, B01D 5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 B01D, F25J, C02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patents and applications for inventions since 1975,
Korean Utility models and applications for Utility models since 1975,
Japanese Utility models and applications for Utility models since 1975Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKIPASS**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,684,648 B2 (Abdul-Rahman Abdul-Kader M. Faqih) 3 February 2004 see the whole document	1, 3, 9
Y	US 5,517,829 A (Charles L. Michael) 21 May 1996 see the whole document	1, 3, 9
A	US 5,846,296 (Per Kare Krumsvik) 8 December 1998 see the whole document	1
A	KR 2004-0038345 A (Masterlife Incorporation) 8 May 2004 see the whole document	1
A	US 4,351,651 A (Calice G. Courmeya) 28 September 1982 see the whole document	1

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

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"P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"&" document member of the same patent family


Date of the actual completion of the international search

24 JUNE 2004 (24.06.2004)

Date of mailing of the international search report

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/000159

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6,684,648 B2	03.02.2004	None	
US 5,517,829 A	21.05.1996	None	
US 5,846,296 A	08.12.1998	W09609443 A1	28.03.1996
KR 2004-0038345 A	08.05.2004	None	
US 4,351,651 A	28.09.1982	None	